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# **REQUEST FOR ACCESS**

Date:	3-6-96	·
Serial Number:	06/706562	·
Filing Date:	2 - 22-85	)
Applicants:	montagnier et	al.
Sir.		
Request is hereb	by respectfully made for acce	ess to the file history of the following
abandoned applica	tion referred to in U.S. pater	number <u>5217861</u> or printed
application number	· 「	•
		Respectfully submitted.
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FILE INFOR	MATION UNIT	1 3/6(1)

United States Patent [19]

Montagnier et al.

Patent Number:

5,217,861

Date of Patent:

Jun. 8, 1993

[54] ANTIGEN OF A HUMAN RETROURUS, NAMELY PIS PROTEIN OF HUMAN IMMUNODEFICIENCY VIRUS (HIV), COMPOSITIONS CONTAINING THE ANTIGEN, A DIAGNOSTIC METHOD FOR DETECTING ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS) AND PRE-AIDS AND A KIT THEREFOR

[75] Inventors: Luc Montagnier, Le Plessis-Robinson; Jean-Claude Chermann, Elancourt: Barre-Sinonssi, Issy Les Moulineaux; Francoise Vezinet-Brun, Paris: Christine Rouzioux, Paris; Willy Rozenbaum, Paris; Charles Dauguet, Paris; Jacqueline Gruest, L'Hay Les Roses: Marie-Theresa Nugeyre. Paris; Francoise Rey, Paris; Claudine Axler-Blin, Paris; Solange Chamaret, Paris, all of France

[73] Assignce: Institut Pasteur, France

[21] Appl. No.: 158,073

Feb. 12, 1988 [22] Filed:

## Related U.S. Application Data

Continuation of Ser. No. 914,156, Oct. 1, 1986, abandoned, which is a continuation of Ser. No. 706,562, Peb. 22, 1985, abandoned, which is a continuation-inpart of Ser. No. 5\$8,109, Dec. 5, 1983, abandoned.

Foreign Application Priority Data 

Ser	. 16, 1984 [ZA] South A	Inica
[21]	Tax (7) 5	
100	11 C (1)	435/8; 433//.1;
[96]	435/7 02: 435	/7.93; 435/7.94; 435/7.95;
	433, 7.52, 10-	35/974; 530/350; 930/221
[58]	Pt-1d of Cabroh	435/517, 29, 259, 800,
fool	411/215-210 188.7.	1, 7.92-7.95, 974; 530/350;
	477/232-277, 1001 11	930/221

[56]	References Cited
•	U.S. PATENT DOCUMENTS

4,520,113 5/1985	Cosand	436/504 530/324
4,751,180 6/1988	Cousens et al	432/08
4,784,941 11/1988 4,843,011 6/1989	Samgadharan et al.	435/240.27

### FOREIGN PATENT DOCUMENTS

3636540	10/1986	European Pat. Off
WO86/04336	7/1986	World Int. Prop. O 435/5

#### OTHER PUBLICATIONS

Barre-Sinoussi et al., "Analysis and Immunological Properties of Lymphadenopathy Associated Virus (LAV) Structural Proteins", Retroviruses Hum. Pathol. Int. Symp. Meeting Date 1984, 343-51.

Ferns et al., "Characterization of Monocional Antibodies Against the Human Immunodificiency Virus (HIV) gag Products and Their Use in Monitoring HIV Isolate Variation", 9 Gen. Virol., 68 (1987) 1543-51.

Krause et al., "Isolation of human immunodeficiency virus-related simian immunodeficiency viruses from African green monkeys", Proc. Natl. Acad. Sci. USA, 86 (1989) 2892-6.

Chastagne et al., "A Monoclonal Antibody Against LAV GAG Precursor: Use for Viral Protein Analysis and Analysis and Antigenic Expression in Infected Cells", J. immunol. 136(1986) 1442-5.

(List continued on next page.)

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#### ABSTRACT [57]

Protein compositions containing proteins of the lymphadenopathy virus, which compositions are used for diagnosis of antibodies of such protein in biological fluids, especially blood serum, for the detection or absence of infection. Such compositions contain typically the p18, p13 and/or p25 proteins.

11 Claims, 5 Drawing Sheets